New Mexico - Las Cruces Field Office
FY 2005 Livestock Manure Management Concern - Ranking Criteria Worksheet

Applicant_____ Farm No._____ Tract No._____ CMS Field No's._____ Date_____

___Tribal Land ___Non-Tribal Land Facility Status: A___ B ___ or C___ (see bottom of sheet)

1. Distance to Surface Water or Well - 20 Potential Points (10% of Total)

		Points	Benchmark	After
Determine the shortest distance from the livestock facility to the nearest downstream surface water or any well. Surface water may include a perennial or intermittent stream, river, lake, pond, irrigation canal, drainage canal, or wetland.	<100 Ft.	20	0	
	101-250 Ft.	15	0	
	251-500 Ft.	10	0	
	501-1,320 Ft.	5	0	
	>1,320 Ft.	0	0	

2. Depth to Seasonal Water Table - 20 Potential Points (10% of Total)

		Points	Benchmark	After
Determine the least distance from the ground surface to the top of the seasonal water table or aquifer at the livestock facility. Use information from on-site investigations, soil surveys, well completion reports, producer information, etc.	<10 Ft.	20	0	
	11-40 Ft.	15	0	
	41-75 Ft.	10	0	
	76 - 100 Ft.	5	0	
	>100 Ft.	0	0	

3. Monitoring Well Nitrate Contamination - 20 Potential Points (10% of Total)

		Points	Benchmark	After
Determine level of nitrate contamination based on analyses for monitoring wells located hydrologically down-gradient from livestock facility and/or manure application field.	0-5 ppm	20		
	5-9 ppm	15		
	10-15 ppm	10		
	15-20 ppm	5		
	>20 ppm	0		

4. Status of Current Manure Facility/Operation - 60 Potential Points (30% of Total)

See instructions on next page.		Max. Points	Benchmark	After
Collection and Transport	Adequate	20		
	Exists, inadequate	10		
	Nonexistent	0		
Storage and Treatment	Adequate	20		
	Exists, inadequate	10		
	Nonexistent	0		
Seepage	Adequate	20		
	Exists, inadequate	10		
	Nonexistent	0		

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5. Manure Utilization

(On-Site Land Application A through D - Maximum 80 Points (40% of total) *OR*
(Off-Site Land Application & Other Manure Utilization E - Maximum 80 Points (40% of total)

See instructions on next page.						Max. Points	Benchmark	After
A. Animal Density Status/Change	Extra High = 0 Pts	High =(ie. 1) Pts	Med. = (ie.3) Pts	Low =(ie. 4) Pts		4		
B. Phosphorus Risk (Current/Planned)	Very High 0 Pts	High _5_Points	Medium _10_Points	Low _15_Points	Very Low 18 Pts	18		
C. Potential for Leaching		Yes = 0 Points		No = 18 Points		18		

D. Irrigation Efficiency (Use FIRS to evaluate)	% of Area in Contract (present condition)	% of Area in Contract (planned condition)	Max. Points	Benchmark	After
			use		
			exact		
			FIRS		
			%age		
			Max.		
			40 pts.		
OR				OR	OR
E. Off-Site Land Application and Other Utilization: Waste Utilization Practice in Place	Yes = 80 Points	No = 0 Points	80		

	Total After Points	
minus	Total Benchmark Pts	
equals	Total Pts for Ranking	

_____ _____
Designated Conservationist Date

A - Existing facility needing improvements **B** - Expansion of existing facility **C** - Development of new facility